

PROJECT NAME: DESIGN # 8574910	LOCATION: RACCOON LAKE
OBSERVER: JOHN SMITH	QUAD MAP(s): MANSFIELD
RECEIVER TYPE: TRIMBLE 4000 SSI (ROVER3)	SERIAL NUMBER: 11640
ANTENNA TYPE: TRIMBLE COMPACT L1/L2 W/GROUND PLANE	SERIAL NUMBER: 24895

SESSION FILE NUMBER: 16401931 16401932 16401933 16401934
 SESSION 1 SESSION 2 SESSION 3 SESSION 4

STATION NAME:	0551	0550	BMK71
TYPE OF MONUMENT	"+" ON HDWL	US CORP/ENG BM MM13	USCGS BM K 71
JULIAN DAY:	193	193	193
MM DD YY:	7-12-96	7-12-96	7-12-96
GREENWICH TIME - START:	13:48:15	START: 14:21:30	START: 15:12:15 START:
(TO BE COMPLETED STOP:	14:15:30	STOP: 14:55:45	STOP: 16:57:15 STOP:

AT LOG - IN)

ANTENNA HEIGHT MEASUREMENTS

TYPE OF MEAS.: UNCORRECTED TO EDGE OF GROUND PLANE

<u>BEGIN</u>	<u>1ST</u>	<u>1.650 m</u>	<u>1ST</u>	<u>1.796 m</u>	<u>1ST</u>	<u>1.478 m</u>	<u>1ST</u>	<u> m</u>
	<u>2ND</u>	<u>1.655 m</u>	<u>2ND</u>	<u>1.795 m</u>	<u>2ND</u>	<u>1.478 m</u>	<u>2ND</u>	<u> m</u>
	<u>3RD</u>	<u>1.651 m</u>	<u>3RD</u>	<u>1.794 m</u>	<u>3RD</u>	<u>1.481 m</u>	<u>3RD</u>	<u> m</u>
	<u>MEAN</u>	<u>1.652 m</u>	<u>MEAN</u>	<u>1.796 m</u>	<u>MEAN</u>	<u>1.479 m</u>	<u>MEAN</u>	<u> m</u>
<u>END</u>	<u>1ST</u>	<u>1.650 m</u>	<u>1ST</u>	<u>1.796 m</u>	<u>1ST</u>	<u>1.478 m</u>	<u>1ST</u>	<u> m</u>
	<u>2ND</u>	<u>1.655 m</u>	<u>2ND</u>	<u>1.795 m</u>	<u>2ND</u>	<u>1.478 m</u>	<u>2ND</u>	<u> m</u>
	<u>3RD</u>	<u>1.651 m</u>	<u>3RD</u>	<u>1.794 m</u>	<u>3RD</u>	<u>1.481 m</u>	<u>3RD</u>	<u> m</u>
	<u>MEAN</u>	<u>1.652 m</u>	<u>MEAN</u>	<u>1.796 m</u>	<u>MEAN</u>	<u>1.479 m</u>	<u>MEAN</u>	<u> m</u>

INDIANA

<u>LOCAL TIME</u>	<u>START:</u>	<u>8:48</u>	<u>START:</u>	<u>9:21</u>	<u>START:</u>	<u>10:12</u>	<u>START:</u>	<u> </u>
	<u>STOP:</u>	<u>9:15</u>	<u>STOP:</u>	<u>9:55</u>	<u>STOP:</u>	<u>11:57</u>	<u>STOP:</u>	<u> </u>
<u>SYNC RATE: SET TO 150 EPOCHS</u>	<u>MIN. SV's:</u>	<u>4</u>	<u>ELEV. MASK:</u>	<u>15°</u>	<u>MAX. PDOP:</u>	<u>7</u>		

WEATHER: SUNNY, MILD, SLIGHT WIND

SPECIAL INSTRUCTIONS:

POINT # 0551 IS A CUT "+" ON TOP CENTER OF HEADWALL ON NORTH SIDE OF DAM ROAD AT OFFICE.

POINT #0550 IS A U.S. CORPS OF ENGINEERS BENCH MARK "MM 13" WITH A GIVEN ELEVATION OF 712.44 FT. (217.152 m) (DATUM UNKNOWN).

POINT BMK71 IS USC&GS BENCH MARK "K 71 RESET 1956".

USE BACK OF SHEET TO DESCRIBE ANY ABNORMALITIES NOTED DURING THE SESSIONS

GPS FIELD DATA SHEET - STATIC OBSERVATION

Figure 25-2D